



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C3-3-9

Job Sheet 186113



Part No: C3-3-9

Job Qty: 27 ea

Part Name: Actuator Spring



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/12/18

Job Tracking No:

Due Date: 11/12/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG C3-3-9 Rev. 2 IPP Rev. A 18.09.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	27 pcs		11/12/18			VIC002-VC	20	
110	Packaging	27 pcs		11/12/18	0.00	0.00	Packaging2		
120	QC	27 pcs		11/12/18	0.00	0.00	QC6		
130	Packaging	27 pcs		11/12/18	0.00	0.00	Packaging3		
140	QC21-FG	27 Ea		11/12/18	0.00	0.00	QC21		

Part Op 100 - 1-Issue P/O to Victory Springs P/O#; 40905 2-Fabricate springs as per DWG. 9-89
 Descriptions: 120 - Dimensional check. Ensure springs are bent as per DWG. 13 9-89

x27

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C3-3-9P	Actuator Spring	27 pcs (1 ea)	100-Purchasing	5128949

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	C3-3-9P	27	3	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 11/12/18 8:39 AM dart.lavoie.chantal

Container No: S128955



Part: C3-3-9

Job No: 186113

Serial No/Batch: S128955

Revision: 2

Inspector:

Exp Date:

Instructions:

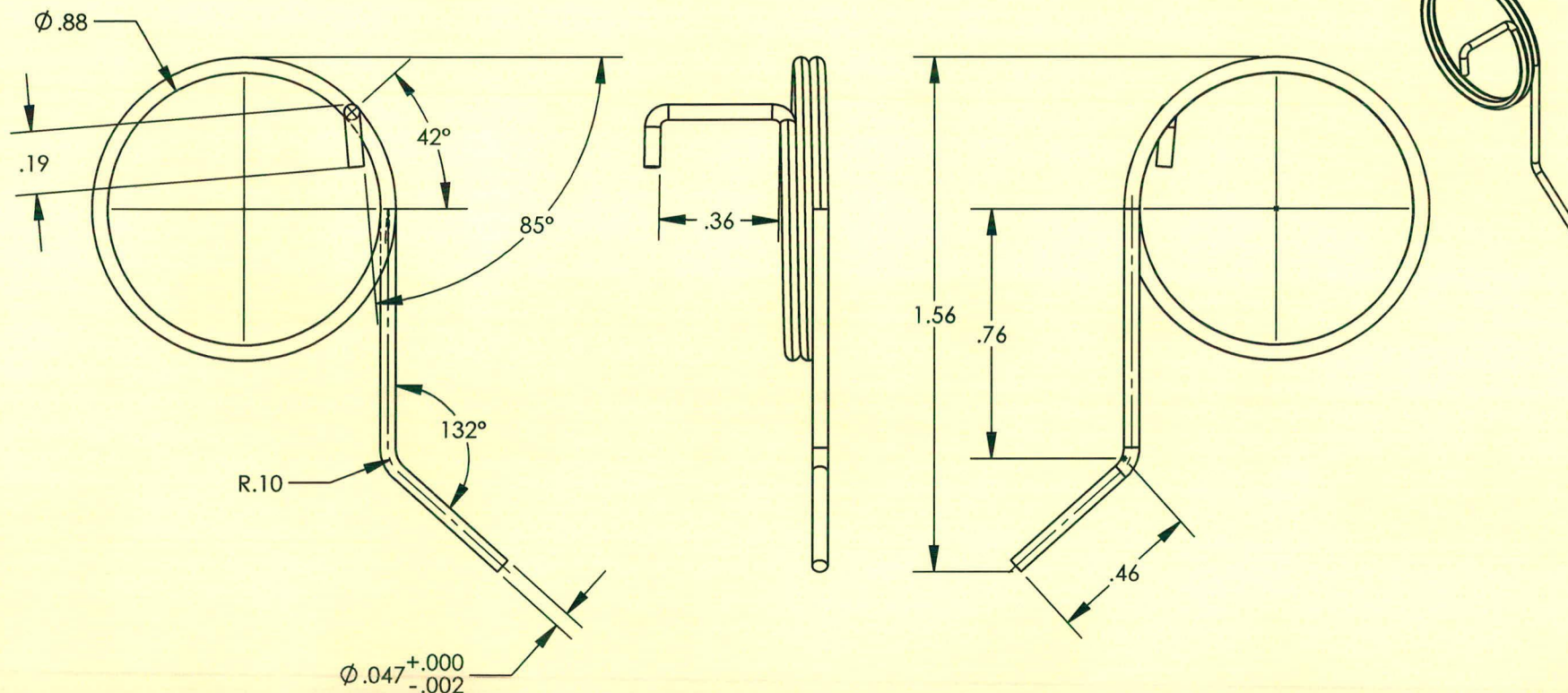
Date: 11/19/18

NOV 10 1958
NOV 10 1958
28

NOV 10 1958
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
		INCORPORATED ECN 03175 PER APICAL INDUSTRIES DRAWING.	7/18/11		
1		CH'D DIA FROM .043 TO .047. CH'D ANGLE FROM 31 TO 55. REMOVED DIM .028. RELOCATED DIM .19. CH'D TOLERANCES ON ALL DIMENSIONS.	4/25/14	PW	RW
2	14-0150	CH'D TITLE BLOCK WAS RED BARN IS DART. CH'D DIMS WAS 55° IS 85°, WAS 72° IS 42°, WAS 1.55 IS 1.56.	9/17/2014	DPD	PW



DART AEROSPACE	
TITLE ACTUATOR SPRING	
DWG NO. C3-3-9	REV 2
MAT'L SS 304 WIRE	DRAWN BY: APICAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 7/18/2011 SHEET 1 OF 1

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
		B/O	C3-3-9	1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040905**

Supplier: VIC002-VC
Victory Spring Ltd.
3810 - 51 Ave.
Edmonton
AB
T6B 3T5 Canada
Phone: 780 442 4020
Fax: 780 466 8000

PO No: PO040905
PO Date: 8/31/18
Due Date: 9/21/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments: *REVISED*

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	186113	C3-3-9		Actuator Spring AS PER DWG C3-3-9 REV. 2	Firmed	-	11/12/18	27 pcs	0 pcs	27 pcs	\$6.07/pcs	\$163.89
Grand Total:												\$163.89

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Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/12/18 8:41 AM dart.lavoie.chantal



3810 - 51 Ave
Edmonton, AB T6B 3T5
t + 780 442 4020
e + accounts@victoryspring.ca

PACKING SLIP

Packing Slip: 42460
Date: Nov 16, 2018
Order Ref: PO040905 ✓

Sold to:

Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

Ship to:

Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

Shipped By:

Shipped Quantity	Backorder Quantity	Unit	Item No.	Description	Price
27 ✓		EACH	-	C3-3-9 Actuator Spring ✓	6.07
Comment:					

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CERTIFICATE OF CONFORMANCE

REPORT FOR : Dart Aerospace Ltd.	DATE: 11/16/2018
PART/DRAWING #: C3-3-9 ✓	PO # PO040905 ✓
DESCR: Actuator Spring	QUANTITY: 27 ✓

VICTORY SPRING CERTIFIES BY THIS DOCUMENT THAT ALL OPERATIONS ARE DONE ACCORDING TO
DRAWINGS AND SPECIFICATIONS

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CHARACTERISTIC	SPECIFIED	MEASURED	NOTES
Material type	SS 302	Yes	
Material diameter	0.0475	Yes	
Coil I.D.	0.88"	0.899"	
Number of Coils	2.2 (42deg)	2.2 (40-45 deg)	
Leg 1 I.D.	0.360"	0.36-0.37"	
Leg 1 tail length	0.19	0.180-0.200"	
Leg 2 Overall Length	1.56"	1.55"-1.57"	
Leg 2 Tail Length	0.46"	0.47"	

Mill Certificate attached: Yes
Material Heat Number: KNAX01108

Inspected by: Jeremy Burrowes - QA

Jeremy Burrowes



Wire & Steel Company
of Canada, Ltd.

250 CHRYSLER DRIVE, UNIT #1, BRAMPTON, ONTARIO L6S 6B6
TEL: (905) 791-6811 / 1-800-387-2441 FAX: (905) 791-9588
SLITTING, OSCILLATING, EDGING AND CUSTOM PROCESSING
INDUSTRY'S CHOICE FOR QUALITY

Customer PO#: 19589

Page: 2 Of 2

Date Ordered: 05-Jun-2018

Sales Rep: Jonathan

Customer #: 20612

Description: T302 Soap Coat Stainless Wire Spring .0475

Size: .0475" x Continuous Coil

Edge:

Qty Ordered: 10.00

Specification: ASTM A 313-17

Gibbs Product Code: 811-18-0475-01

Size Tolerance: --

Customer Part #:

Material Certification

Qty Shipped: 10.00

Coils: 1

Heat #: knax01108

C: .0750

Mn: 1.0900

P: .0290

S: .0010

Si: .3200

Cu: .3300

Ni: 8.0200

Cr: 18.140

Mo: .2500

V:

Sn:

Ti:

Al:

Be:

N: .0730

Tensile: 280,100 / 284,100

Yield: N.A. / N.A.

Elong.: N.A. / N.A.

Hardness : N.A. / N.A.

Grain: N.A. / N.A.

Cond. Ch900 : N.A. / N.A.

Comments:

Melt - USA

DFARS & ROHS Compliant

Koswire

Paul Scott

Quality Department

Based on our Supplier's analysis

The order will be billed at the price prevailing at the time of shipment

Q405, Rev. No. 001/07 BR 03/06/07

Packing List #: 131391

Sch'd to Ship: Jun 05 2018

Ship To: Victory Spring Company

3810 51Ave

Edmonton

Alberta, T6B3T5

Ship Via: PuroGrnd#2332060

F.O.B.: Brampton

Terms: Collect

Sold To: Victory Spring Company

3810 51Ave

Edmonton, Alberta

T6B3T5

Quantity Shipped (lbs): 10.00

Gross Weight (lbs): 0.00

Packaging Description: 131391

Shipper: Gibbs Wire & Steel

Per: _____

Date: _____

Agent: _____

Per: _____

Date: _____

All claims for shortages must be made with 10 days.

Goods may NOT be returned without a

Gibbs authorization number.

